

# Appendix C

Certificate No: TT-PRS-0163

Issue No: 1 Date: 09.11.2018

Product Description			
<b>Product name</b>		<b>Aluprof MB-78EI EI90</b>	
<b>Product definition</b>	<b>Class</b>	Fire resistant internal single leaf hinged door sets and openable windows	Fire resistant internal double leaf hinged door sets and openable windows
<b>Fire resistant side</b>	<b>E90</b> <b>EI<sub>2</sub>90</b> <b>S<sub>200</sub>, S<sub>a</sub></b>	Both	
<b>Leaf - max width x height, mm</b>		1400 x 2500	2500 x 2500
<b>Leaf - min width x height, mm</b>		500 x 600	1000 x 600
<b>Frame thickness, mm</b>		78	
<b>Leaf thickness, mm</b>		78	
<b>Frame and leaf material</b>		Aluminum	
<b>Glass pane - max width x height, mm</b> <i>* The specific dimensions depends of the glass brand/model; Can be used when max area is not exceeded</i>		360-1097 x 460-2282 *	
<b>Glass pane - max area, m<sup>2</sup> * The specific dimensions depends of the glass brand/model</b>		0,17-2,50 *	
<b>Glazing beads</b>		Aluminum profile	
<b>Hinges per leaf</b>		≥ 3 for door sets and ≥ 2 for windows	
<b>Installation foam/wool</b>		Fire resistant PU foam or mineral wool	
<b>Supporting construction</b>		Rigid or flexible	

Essential characteristics of door set and openable window Aluprof MB-78EI EI90		
Classification characteristic	Class	Reference to classification and test evidence
Resistance to fire	Integrity – E	<b>E15;</b> <b>E20;</b> <b>E30;</b> <b>E45;</b> <b>E60;</b> <b>E90</b> Test reports: 271 43105; 271 43598; 271 43599; 271 43725; FIRES-FR-029-10-AUNE;
	Integrity and thermal insulation – EI <sub>1</sub>	<b>NPD</b> LBO-446/13; M1-T234N-01788-2012; LBO-853/16E; I-4123/17-1
	Integrity and thermal insulation – EI <sub>2</sub>	<b>EI<sub>2</sub>15;</b> <b>EI<sub>2</sub>20;</b> <b>EI<sub>2</sub>30;</b> <b>EI<sub>2</sub>45;</b> <b>EI<sub>2</sub>60;</b> <b>EI<sub>2</sub>90</b> Classification reports: 01036/12/R75NP; 01036/18/R371NZZP/ENG
	Integrity and radiation - EW	<b>NPD</b> Extended application reports: NA
Smoke leakage	Smoke leakage at ambient temperature - S <sub>a</sub>	<b>S<sub>a</sub></b> Test reports: NA Classification reports: 01036/18/R371NZZP/ENG
	Smoke leakage at ambient and 200 C° temperature - S <sub>200</sub>	<b>S<sub>200</sub></b> Extended application reports: NA
Self-closing	C	<b>NPD</b> Test reports: NA Classification reports: NA

**Remarks:**

The product description table already takes account of direct and extended field of application and does not always reflect actual tested product description.